ELSEVIER

Colloids and Surfaces
A: Physicochemical and Engineering Aspects 118 (1996) 277–278

COLLOIDS AND SURFACES A

# Contents of Volume 118

(*Abstracted/indexed in: Chemical Abstracts; Current Contents; Physical, Chemical & Earth Sciences; INSPEC; PASCAL/CNRS*)

*Vol. 118 Nos. 1–2*

*Review*

Fluorescence methods in the study of the interactions of surfactants with polymers
F.M. Winnik and S.T.A. Regismond (Hamilton, Ont., Canada) ..... 1

Synthesis, surface properties and oil solubilisation capacity of cationic gemini surfactants
Th. Dam, J.B.F.N. Engberts (Groningen, The Netherlands), J. Karthäuser (Chester, UK), S. Karaborni (Amsterdam, The Netherlands) and N.M. van Os ..... 41

Particulate pyrite formation by the $Fe^{3+}/HS^-$ reaction in aqueous solutions: effects of solution composition
D. Wei and K. Osseo-Asare (University Park, PA, USA) ..... 51

Motomura's modified equation for surfactant penetration into spread monolayers
N.S. Santos Magalhães, H.M. de Oliveira (Recife-PE, Brazil) and A. Baszkin (Châtenay-Malabry, France) ..... 63

Modeling the interfacial properties of an amorphous aluminosilicate dispersed in aqueous NaCl solutions
M.J. Avena and C.P. De Pauli (Córdoba, Argentina) ..... 75

Characterisation of colloidal silica particles with respect to size and shape by means of viscosity and dynamic light scattering measurements
D. Biddle, C. Walldal and S. Wall (Göteborg, Sweden) ..... 89

The aggregation of silica and haematite particles dispersed in natural water samples
A.D. Findlay, D.W. Thompson (Bristol, UK) and E. Tipping (Ambleside, UK) ..... 97

Depletion interaction in colloidal suspensions: a comparison between theory and experiment
Y.K. Leong (Kuala Lumpur, Malaysia) ..... 107

Effect of a cofactor on the polymer bridging of latex particles to glass by polyethylene oxide
H. Takase and T.G.M. van de Ven (Montreal, Canada) ..... 115

Phase transitions in cationic and anionic surfactant mixtures
M. Bujan, N. Vdović and N. Filipović-Vinceković (Zagreb, Croatia) ..... 121

Comparative study of amino acid adsorption on bare and octadecyl silica from water using high-performance liquid chromatography
V.A. Basiuk (Mexico) and T.Yu. Gromovoy (Kiev, Ukraine) ..... 127

Water/oil microemulsions from binary ionic–nonionic surfactants
H.-F. Eicke, W. Meier and H. Hammerich (Basle, Switzerland) ..... 141

Investigation of porous structure and surface properties of controlled porosity glasses
B. Biliński and A.L. Dawidowicz (Lublin, Poland) ..... 149

The effect of added salt on adsorption and adsolubilization by a gemini surfactant on silica
K. Esumi, M. Goino (Tokyo, Japan) and Y. Koide (Kumamoto, Japan) ..... 161

Optical properties of rod–shaped selenium hydrosols
J-P. Lickes, F. Dumont and C. Buess-Herman (Bruxelles, Belgium) ..... 167

Solid-state $^{13}C$ and $^{29}Si$ MAS NMR spectroscopy of silicon carbide
C. Dybowski, E.J. Gaffney (Newark, DE, USA), A. Sayir and M.J. Rabinowitz (Cleveland, OH, USA) ..... 171

*Guide for Authors* ..... 183

*Vol. 118 No. 3*

Preface ..... iii

Profoams and antifoams
S. Ross (Troy, NY, USA) ..... 187
Physical adsorption of vapors — three personae
A.W. Adamson (Los Angeles, CA, USA) ..... 193
Relation between adsorption potential distribution and pore volume distribution for microporous carbons
M. Jaroniec (Kent, OH, USA), K.P. Gadkaree (Corning, NY, USA) and J. Choma (Warsaw, Poland) ..... 203
Microgels. Part 2. Solution polymerization using a urethane stepgrowth mechanism
N.B. Graham and J. Mao (Glasgow, UK) ..... 211
Effect of Surfactant Concentration on Dispersion Stability as Probed by the Film Thickness Stability Mechanism
A.D. Nikolov, D.T. Wasan (Chicago, IL, USA) and S.E. Friberg (Potsdam, NY, USA) ..... 221
Re-inventing the wheel: the uses of chemical history
P. Becher (Wilmington, DE, USA) ..... 245
A computer model for wetting hysteresis. 3. Wetting behavior of spatially encoded heterogeneous surfaces
G.M. Nishioka (Newark, OH, USA) and S.P. Wesson (Princeton, NJ, USA) ..... 247
Ross's rule: Sydney Ross and the phase diagram
I.D. Morrison (Webster, NY, USA) ..... 257
The influence of surface films on near-surface vortical flows
S.P. McKenna, W.R. McGillis and E.J. Bock (Woods Hole, MA, USA) ..... 263

*Author Index* ..... 273
*Subject Index* ..... 275
*Volume Contents* ..... 277